

IN THE CLAIMS:

Please enter the following amended claims:

1. (Amended) A light deflecting electric motor comprising:

a stator assembly including a base, a fixed shaft fixed to the base and a stator mounted on the base;

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a rotor assembly including a rotating member rotatably mounted on a plurality of bearings further mounted on the fixed shaft, a polygon mirror mounted on the rotating member and having an outer circumferential surface and a rotor mounted on the rotating member, the rotor assembly having a center of gravity located between the bearings, the rotor assembly being disposed so that a plane which is generally perpendicular to a center of rotation of the rotor assembly and passes the center of gravity of the rotor assembly passes an inside of the polygon mirror; and

a balancing plane provided in the vicinity of said plane.

See the attached Appendix for the changes made to effect the above claim(s)